In the Claims:

Please amend the claims as follows:

1. (currently amended) A method in an industrial safety system for controlling a process or equipment <u>controlled by an industrial control system in an industrial facility</u>, the industrial safety system comprises components with safety devices, wherein the safety system enables signals to be generated as a result of an event or alarm <u>related to the process or equipment</u>, the method comprising:

    <u>automatically</u> creating ~~an automated~~ <u>a</u> link between the event or alarm and an action to be taken <u>in the industrial safety system</u> upon receipt of said event or alarm signal due to the event,

    <u>automatically generating a human machine interface comprising a representation of the related process or equipment and a representation of the event or alarm,</u> and

    <u>automatically</u> generating a control signal <u>for the safety system</u> to initiate the action <u>to be taken in the industrial safety system</u>.

2. (previously amended) The method according to claim 1, further comprising:
    configuring a representation of a safety device, and
    configuring a representation of said event or alarm.

3. (previously amended) The method according to claim 1, further comprising:
    creating a schematic representation of the safety system comprising the components and the safety devices, and

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creating a representation of each component.

4. (previously amended) The method according to claim 1, further comprising:

creating a representation of each safety device.

5. (currently amended) The method according to claim 1, further comprising:

creating a representation of ~~each~~ an input to a safety device, and

creating a representation of ~~each~~ an output from the safety device.

6. (previously amended) The method according to claim 1, further comprising:

creating a representation of each action, and

creating a representation of each event.

7. (currently amended) The method according to claim ~~1,~~ 5, further comprising:

configuring one or more links comprising a link between the event and the input,

comprising a path between the input and the safety device, a path between the safety device and

output, and a path between the output and the action.

8. (currently amended) The method according to claim ~~1,~~ 7, further comprising:

displaying the link ~~by means of~~ with a representation in a human machine interface.

9. (currently amended) The method according to claim ~~1,~~ 7, further comprising:

displaying the link ~~by means of~~ with a representation in a graphical user interface on a

screen.

10. (currently amended) The method according to claim ~~1,~~ 7, wherein each path is represented by a table.

11. (currently amended) The method according to claim ~~1,~~ 10, wherein each table is displayed in a graphical user interface on a screen.

12. (currently amended) The method according to claim ~~1,~~ 2, wherein relations between the representations are displayed in the form of a matrix.

13. (currently amended) A computerized industrial system, comprising:

~~means to perform a method in an industrial safety system for controlling a process or equipment, according to claim 1~~

an industrial control system configured to generate signals to indicate occurrence of an event or alarm;

an industrial safety system comprising components with safety devices, wherein the safety system is operative to automatically creating a link between the event or alarm and an action to be taken in the industrial safety system upon receipt of said event or alarm signal due to the event, automatically generating a human machine interface comprising a representation of the related process or equipment and a representation of the event or alarm, and automatically generating a control signal for the safety system to initiate the action to be taken in the industrial safety system.

14. (currently amended) A computer program product, comprising:

a computer readable medium; and

programming instructions recorded on the computer readable medium to control a computer or a computer process to make ~~it~~ the computer or computer process perform a method in an industrial safety system for controlling a process or equipment, the method including

automatically creating ~~an automated~~ a link between the event or alarm and an action to be taken in the industrial safety system upon receipt of said event or alarm signal due to the event,

automatically generating a human machine interface comprising a representation of the related process or equipment and a representation of the event or alarm, and

automatically generating a control signal for the safety system to initiate the action to be taken in the industrial safety system.

15. (cancelled)

16. (cancelled)

17. (currently amended) A graphical user interface for controlling a process or equipment in an industrial safety system, the industrial safety system comprising components with safety devices, that enables signals to be generated as a result of an event or alarm and links to be created between a representation of a safety device and a representation of the event, the graphical user interface comprising:

~~display means to display~~ a representation of ~~an item~~ a component with a safety device,

representations of ~~display means to display~~ relations between the ~~items~~ component and the safety device, and

an input ~~means to register said items~~ configured to generate representations of the safety devices and relations.

18. (previously amended) The graphical user interface according to claim 17, further comprising:

input means to register an alarm signal or an event,

input means to register an input to a safety device

19. (previously amended) The graphical user interface according to claim 17, further comprising:

display means to register an input signal, and

display means to register an output signal.

20. (previously amended) The graphical user interface according to claim 17, further comprising:

input means to register a path.

21. (previously amended) The graphical user interface according to claim 17, further comprising:

display means for creating a matrix.

22. (currently amended) A system for controlling a process or equipment in an industrial safety system, the industrial safety system ~~comprises~~ <u>comprising</u> components with inputs and safety devices enabling signals to be generated as a result of an event or alarm <u>and automatically create a link between a representation of a safety device and a representation of the even or alarm</u>, the system comprising:

components from any of the list of: a computer such as a tablet personal computer PC, a computer program and a graphical user interface.

23. (previously amended) The system according to claim 22, further comprising:

a hand-held device displaying said graphical user interface, and

input means to said hand-held device.

24. (cancelled)

25. (previously amended) A database, comprising:

information to be used in a method in an industrial safety system for controlling a process or equipment, according to claim 1.

26. (previously amended) A website, comprising:

means to perform a method in an industrial safety system for controlling a process or equipment, according to claim 1.

27. (currently amended) A data communication signal for controlling at least one

component in ~~a an~~ an industrial facility for an industrial process, the data communication signal

comprising:

safety information for controlling a process or equipment in a industrial safety system

~~such as a signals generated as a result of an event or alarm~~.